75 Ohm SMB Jack Connector Clamp/Solder Attachment for RG59B/U, RG62



PE4272

Configuration

- SMB Jack Connector
- 75 Ohms
- Straight Body Geometry
- Connector Interface Types: RG59B/U, RG62

Features

- Gold Plated Contact

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE4272 , SMB, Standard, Connector is part of our full line of RF components available for same-day shipping.

Our 75 ohm SMB jack connector PE4272 datasheet specifications and drawing with dimensions are shown below in this PDF. Pasternack's broad catalog of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. Whether the need is to provide an I/O for a board design, or simply create a custom cable assembly configuration, Pasternack has the right connector for the job. Pasternack can also expertly build your custom cable assemblies for you and ship same-day.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Impedance		75		Ohms

Mechanical Specifications

Size

Length	0.615 in [15.62 mm]
Width	0.344 in [8.74 mm]
Height	0 in [0 mm]
Weight	0.009 lbs [4.08 g]

Material Specifications

Description	Material	Plating
Contact		Gold
Insulation	Teflon	
Body	Brass	Nickel

Environmental Specifications

Temperature

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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75 Ohm SMB Jack Connector Clamp/Solder Attachment for RG59B/U, RG62



PE4272

75 Ohm SMB Jack Connector Clamp/Solder Attachment for RG59B/U, RG62 from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 75 Ohm SMB Jack Connector Clamp/Solder Attachment for RG59B/U, RG62 PE4272

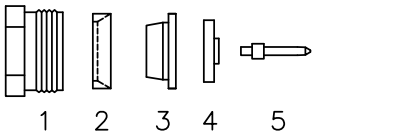
URL: https://www.pasternack.com/smb-jack-rg59b-u-rg62-connector-pe4272-p.aspx

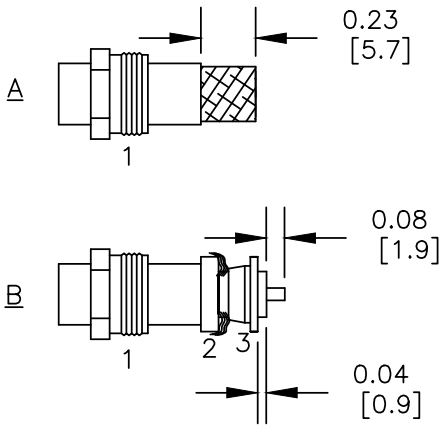
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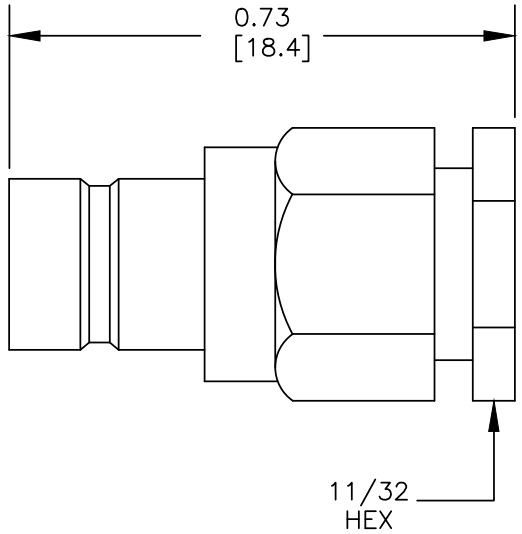
PE4272 CAD Drawing

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STRIPPING DIMENSIONS



ASSEMBLY PROCEDURES

1. SLIDE CLAMP NUT (1) OVER CABLE AS SHOWN IN A. SLIDE COMPRESSION WASHER (2) OVER BRAID & SEAT AGAINST JACKET. FLAIR BRAID OVER COMPRESSION WASHER (2).

2. SLIDE BRAID CLAMP (3) OVER DIELECTRIC & UNDER BRAID. PUSH INTO WASHER UNTIL IT STOPS. STRIP CABLE AS SHOWN IN B. TRIM EXCESS BRAID FLUSH WITH SURFACE OF COMPRESSION WASHER (2). INSERT INSULATOR (4) OVER DIELECTRIC WITH CENTER CONDUCTOR PROTRUDING THROUGH HOLE.

3. SOLDER CONTACT (5) TO CENTER CONDUCTOR. INSERT CABLE ASSEMBLY INTO BODY & TIGHTEN.

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DWG TITLE

PE4272

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4. FITS MIL-C-17 AND EQUIVALENT CABLES.

REV. -	FSCM NO. 53919	CAD FILE 042309	SCALE N/A	SIZE A	2233

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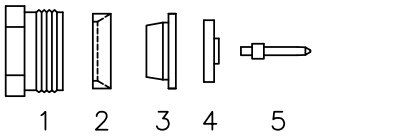
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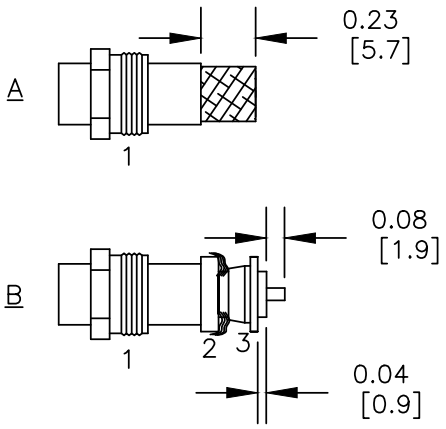
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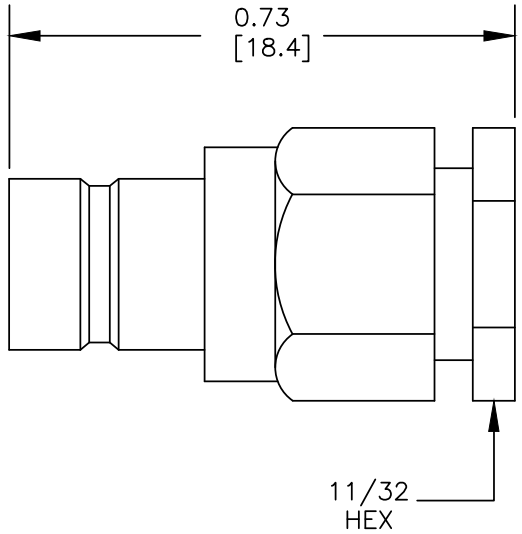
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93 Ohm Flexible RG62 Coax Cable Single Shielded with Black PVC Jacket

TECHNICAL DATA SHEET RG62A/U

93 Ohm Flexible RG62 Coax Cable Single Shielded with Black PVC Jacket

Configuration

Inner Conductor Material and Plating	Copper Clad Steel
Dielectric Type	PE (AS)
Shield Materials	Copper Braid
Jacket Material and Color	PVC, Black

Electrical Specifications

Impedance, Ohms	93
Velocity of Propagation, %	83
Maximum Operating Frequency, MHz	1000
RF Shielding, dB	45
Capacitance, pF/ft [pF/m]	14.5 [47.57]

Electrical Specifications by Frequency

Frequency 1

Frequency, MHz	10
Attenuation, dB/100ft [dB/100m]	0.9 [2.95]

Frequency 2

Frequency, MHz	200
Attenuation, dB/100ft [dB/100m]	3.8 [12.47]

Frequency 3

Frequency, MHz	1000
Attenuation, dB/100ft [dB/100m]	8.7 [28.54]

Mechanical Specifications

Temperature

Operating Range, deg C	-40 to +80

Inner Conductor

Number of Strands	1
Material	Copper Clad Steel
Diameter, in [mm]	0.025 [0.64]

Dielectric:

Type	PE (AS)
Diameter, in [mm]	0.146 [3.71]

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications: 93 Ohm Flexible RG62 Coax Cable Single Shielded with Black PVC Jacket RG62A/U

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93 Ohm Flexible RG62 Coax Cable Single Shielded with Black PVC Jacket

TECHNICAL DATA SHEET RG62A/U

Shield:

Number of	1
Material 1	Copper Braid

Jacket:

Material	PVC
Diameter, in [mm]	0.242 [6.15]
Color	Black
One Time Minimum Bend Radius, in [mm]	2.5 [63.5]
Weight, lbs/ft [Kg/m]	0.038 [0.06]

Compliance Certifications (visit www.Pasternack.com for current document)

Plotted and Other Data

Notes:	Values at 25 °C, sea level

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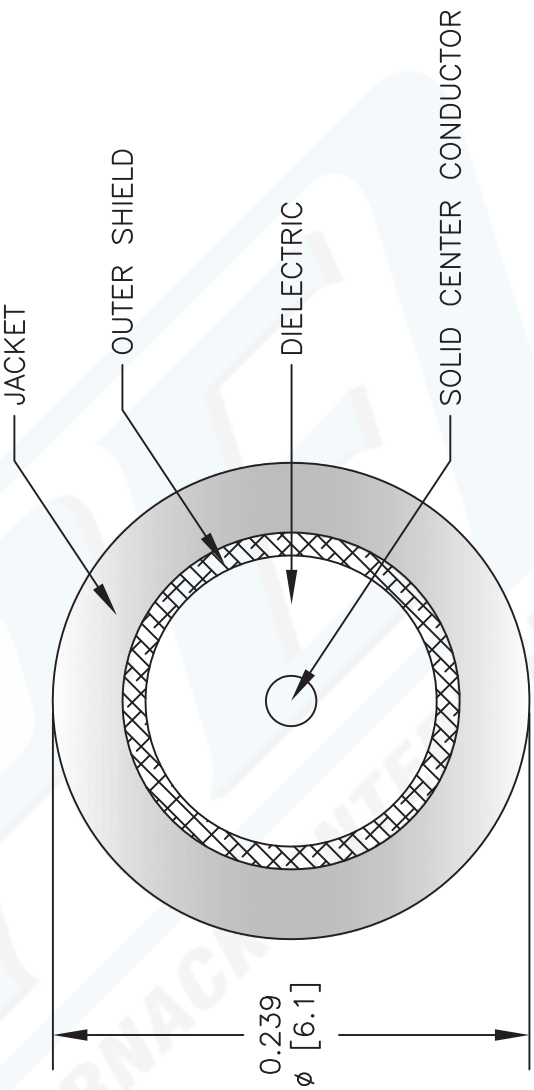
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RG62A/U CAD Drawing

93 Ohm Flexible RG62 Coax Cable Single Shielded with Black PVC Jacket





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CAD FILE	SCALE	SIZE
121912-B	N/A	A

DWG TITLE: RG62A/U

FSCM NO. 53919

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